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# A mathematical model of railway row soil cleanup using sorbent

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## Abstract

© 2014 Elvira Chebotareva. This article models a dynamics of change of concentration of oil products in the railway ROW soil under the influence of natural mineral sorbents. The mathematical model developed allows judging the effectiveness of the planned activities for oil-contaminated soil cleanup. There is a comparison of the results of mathematical modeling with experimental data.

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## Keywords

Mathematical modeling, Mineral sorbent, Oil-contaminated soil cleanup